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Our Docket No: 09792909-4955  
Sony Docket No: S00P0130US00

PATENT

APR 09 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Tsuneo Hayashi, et al.  
SERIAL NO: 09/503,140  
FILED: February 11, 2000  
TITLE: READOUT CONTROLLING APPARATUS, REPRODUCING  
APPARATUS, AND READOUT CONTROLLING METHOD  
AU: 2752

Assist. Commissioner of Patents  
Washington, D.C. 20231

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REVOCATION AND POWER OF ATTORNEY

Dear Sir:

SONY CORPORATION, a Japanese Corporation, having a place of business at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, Japan and owner of the above-referenced patent application, hereby revokes all former appointments of powers of attorney and hereby appoints the following attorneys to transact all business in the United States Patent and Trademark Office connected herewith:

Thomas J. Burton, Reg. No. P-47,464  
Brian J. Gill, Reg. No. 46,727  
Gregory Gulliver, Reg. No. 44,138  
John F. Griffith, Reg. No. 44,137  
Kevin W. Guynn, Reg. No. 29,927  
Jennifer Hammond, Reg. No. 41,814  
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Eric N. Kohli, Reg. No. 43,726  
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Janelle D. Strode, Reg. No. 34,738  
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of the firm:

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to which all correspondence is to be directed.

The undersigned hereby states that I am empowered to sign this Revocation and Power of Attorney on behalf of SONY CORPORATION and certify that an assignment of the subject application to SONY CORPORATION was recorded with the United States Patent and Trademark Office on June 27, 2000 at Reel/Frame 010957/0121; that I have reviewed all the documents in the chain of title in the subject application and to the best of my knowledge and belief, title is in the name of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application.

Signature: Yujiro Yamanaka Date: Mar. 26, 2001

Name: Yujiro Yamanaka  
(Print)

Title: Manager, Legal & Intellectual Property Dept.



UNITED STATES DEPARTMENT OF COMMERCE

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RECORDATION DATE: 06/27/2000

REEL/FRAME: 010957/0121  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
HAYASHI, TSUNEO

DOC DATE: 05/26/2000

ASSIGNEE:  
YASUDA, KAZUHIRO

DOC DATE: 05/29/2000

ASSIGNEE:  
SONY CORPORATION  
7-35, KITASHINAGAWA 6-CHOME  
SHINAGAWA-KU, TOKYO, 141-0001,  
JAPAN

SERIAL NUMBER: 09503140  
PATENT NUMBER:

FILING DATE: 02/11/2000  
ISSUE DATE:

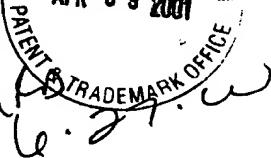
010957/0121 PAGE 2

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

To the Commissioner of Patents and Tra

## 1.. Name of conveying party(ies):

TSUNEO HAYASHI and KAZUHIRO YASUDA



## 2. Name and address of receiving party(ies):

Name: Sony Corporation

Internal Address: \_\_\_\_\_

Street Address: 7-35, Kitashinagawa 6-Chome

City, State and Zip: Shinagawa-ku, Tokyo, 141-0001 JAPAN

## Additional Name(s) &amp; address(es) attached?

 Yes  No

## 3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 26, 2000 and May 29, 2000

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## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. 09/503,140  
B. Filed: February 11, 2000

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles P. Sammut

Internal Address: Limbach & Limbach L.L.P.  
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Attorney Docket No. SONY-T0130

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): .....\$ 40.00

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 Charge any deficiencies in the enclosed fee to  
 Deposit Account No. 12-1420  
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## 8. Deposit account number: 12-1420

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mayumi Maeda, Reg. No. 40,075

Name of Person Signing

Signature

June 22, 2000

Date

Total number of pages including cover sheet, attachments and document: 3

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## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in  
READOUT CONTROLLING APPARATUS, REPRODUCING APPARATUS, RECORDING APPARATUS, AND READOUT CONTROLLING METHOD  
for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/503140, Filing Date: February 11, 2000

This assignment executed on the dates indicated below.

TSUNEO HAYASHI

Name of first or sole inventor

CHIBA, JAPAN

Residence of first or sole inventor

*Tsuneo Hayashi*

Signature of first or sole inventor

Execution date of U.S. Patent Application

May 26, 2000

Date of this assignment

KAZUHIRO YASUDA

Name of second inventor

Execution date of U.S. Patent Application

KANAGAWA, JAPAN

Residence of second inventor

Kazuhiro Yasuda

Signature of second inventor

May 29, 2000

Date of this assignment

Name of third inventor

Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

Date of this assignment

Name of fourth inventor

Execution date of U.S. Patent Application

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment